

OIPE

RAW SEQUENCE LISTING

DATE: 11/21/2001

PATENT APPLICATION: US/09/895,298A

TIME: 20:02:01

Input Set : N:\Crf3\RULE60\09895298.txt

Output Set: N:\CRF3\11212001\I895298A.raw

2 <110> APPLICANT: Rosen et al.

4 <120> TITLE OF INVENTION: 47 Human Secreted Proteins

6 <130> FILE REFERENCE: PZ035P1

8 <140> CURRENT APPLICATION NUMBER: 09/895,298A

9 <141> CURRENT FILING DATE: 2001-07-02

11 <150> PRIOR APPLICATION NUMBER: 09/591,16

12 <151> PRIOR FILING DATE: 2000-06-09

14 <150> PRIOR APPLICATION NUMBER: PCT/US99/29950

15 <151> PRIOR FILING DATE: 1999-12-16

17 <150> PRIOR APPLICATION NUMBER: 60/113,006

18 <151> PRIOR FILING DATE: 1998-12-18

20 <150> PRIOR APPLICATION NUMBER: 60/112,809

21 <151> PRIOR FILING DATE: 1998-12-17

23 <160> NUMBER OF SEQ ID NOS: 231

25 <170> SOFTWARE: PatentIn Ver. 2.0

28 <210> SEQ ID NO: 1

29 <211> LENGTH: 733

30 <212> TYPE: DNA

31 <213> ORGANISM: Homo sapiens

33 <400> SEQUENCE: 1

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| 35 | aattcgaggg | tgacacgtca | gtcttctctt | tccccccaaa | acccaaggac | accctcatga | 120 |
| 36 | tctcccgag | tcttgaggtc | acatgcgtgg | tggtggacgt | aagccacgaa | gaccctgagg | 180 |
| 37 | tcaagtcaa | ctggtacgtg | gacggcgtgg | aggtgcataa | tgccaagaca | aagccgcggg | 240 |
| 38 | aggagcagta | caacagcacg | taccgtgtgg | tcagcgtcct | caccgtcctg | caccaggact | 300 |
| 39 | ggctgaatgg | caaggagtag | aagtgcagg | tctccaacaa | agccctccca | acccccatcg | 360 |
| 40 | agaaaacat | ctccaaagcc | aaagggcagc | cccgagaacc | acaggtgtac | accctgcccc | 420 |
| 41 | catcccgga | tgagctgacc | aagaaccagg | tcagcctgac | ctgcctgggc | aaaggcttct | 480 |
| 42 | atccaagcga | catcgccgtg | gagtgggaga | gcaatgggca | gccggagAAC | aactacaaga | 540 |
| 43 | ccacgcctcc | cgtgctggac | tccgacggct | ccttcttctt | ctacagcaag | ctcaccgtgg | 600 |
| 44 | acaagagcag | gtggcagcag | gggaacgtct | tctcatgctc | cgtgatgcac | gaggctctgc | 660 |
| 45 | acaaccacta | cacgcagaag | agcctctccc | tgtctccggg | taaatgagtg | cgacggccgc | 720 |
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50 <211> LENGTH: 5

51 <212> TYPE: PRT

52 <213> ORGANISM: Homo sapiens

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55 <221> NAME/KEY: Site

56 <222> LOCATION: (3)

57 <223> OTHER INFORMATION: Xaa equals any of the twenty naturally occurring L-amino acids

59 <400> SEQUENCE: 2

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61 1 5

63 <210> SEQ ID NO: 3

64 <211> LENGTH: 86

65 <212> TYPE: DNA

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90 gccctaact ccgccagtt ccgccattc tccgccccat ggctgactaa tttttttat 180
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133 <211> LENGTH: 256
134 <212> TYPE: DNA
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Input Set : N:\Crf3\RULE60\09895298.txt

Output Set: N:\CRF3\11212001\I895298A.raw

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140 cagttccgcc cattctccgc cccatggctg actaattttt tttatttatg cagaggccga      180
141 ggcgcgctcg gcctctgagc tattccagaa gtagtgagga ggcttttttg gaggcctagg      240
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168 cccgaattcc ttcttgacc aggaaagccg gagacgaaga ttaccattg cagactcgga      180
169 tcagttgcct ggtactcggg tggaaccaa cattctgccc acaaaaatga gagagaaaac      240
170 accatcttat ggcaagccac ggcctttgtc catgcctgct gatgggaact ggatggggat      300
171 tgtggaccct ttgccagac ctcgaggta tggcaggaaa ggggaggatg ccctttgccc      360
172 gtatttcagt aacgagcgga ttccctccgat cattgaagag agctcctctc ccccataccg      420
173 gttctccaga cccacgaccg agcggcctct ggtccggggt gcggactaca tccgaggaag      480
174 caggtgctac atcaactcag atctccacag cagcgccacg attccattcc aggaggaagg      540
175 gaccaaaaag aaatctggct cctcagctac gagtccctcg ccacagaacc gtccctcctg      600
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178 cctcagtatt atgtagggac cttatgcaat ttctttttct tttgaaaagt tatctactgc      780
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181 atgtgaagac acgcgctaga aatcgcagtc ctggccagag acgttatggt cattgtgagg      960
182 gactggtggc attgttcctt tttgaggggc tggggggact caaattgggt gctgttttca      1020
183 cacagatgtg ttggtttgtg gtccaacttc tttatctgaa aaagccagt agaaaacatt      1080
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187 gaacacattt tgatagggct tatttcacac aaagaagttt atggttattt gtgtgggggtg      1320
188 gtgtgtttat atattattgt cttaaggga aaagaagcta taagattcgc tgacagccaa      1380
189 agtatcattt agaaaagtga agcaacaaga tttaggttga tgaaagatac atgagtttgc      1440
190 attttgacct gttcagtgtc tgtcttcacg cacggtgtgt acacttcttc aaaattgtac      1500
191 acagtttgct aattagaaat atcttggaag gcctcatggt cactaatttt caactagcat      1560

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194 ttttcttaaa aaaaaaaaaa aaaaaaaaaa aaagggcggc cgctctagag gatcccgaga 1740
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216 cctctgctgg gtgggtctgc agatctcaca ccacagacag ggtgacctgt gacctgctgt 780
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242 ggggaaatgg tgggtgcatt gctggatgca gagggtgaag gccctgggac acaggcgaga 2340
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246 tgtttggtcc tctgtgttct gtgtgcgtct taagcaataa agcgtggccg tggctcgcga 2580
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259 gagctcaagt cgaaagtgtg ctcggaagtg cgagctcttt acgtgtccaa aggcctcaac 180
260 aagaacgatg cccccctcca cgagatcaac ggtgatcatt tgaagatctg tccccagggg 240
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262 aaaagtgtgg tcagcgaaca gtgcaatcat ttgcaagctg tctttgcttc acgttacaag 360
263 aagtctgatg aattcttcaa agaactactt gaaaaatgcag agaaatccct gaatgatatg 420
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267 gatgagtatc tggaatgtgt gagcaagtat acggagcagc tgaagccctt cggagatgtc 660
268 cctcgcaaat tgaagctcca ggtaactcgt gctttttagt cagcccgctac tttcgtcaa 720
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297 <211> LENGTH: 1190

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Use of n and/or Xaa has been detected in the Sequence Listing.
 Review the Sequence Listing to insure a corresponding
 explanation is presented in the <220> to <223> fields of
 each sequence using n or Xaa.

VERIFICATION SUMMARY

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Input Set : N:\Crif3\RULE60\09895298.txt

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L:60 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:166 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:195 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:351 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:382 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:402 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:752 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:806 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
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L:3107 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:80
L:3113 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:80
L:3116 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:80
L:3658 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:95
L:4056 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:107
L:4186 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:110
L:4321 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:114
L:4369 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:115
L:4511 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:120
L:4533 M:112 C: (48) String data converted to lower case,
M:112 Repeated in SeqNo=121
L:4619 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:122

VERIFICATION SUMMARY

DATE: 11/21/2001

PATENT APPLICATION: US/09/895,298A

TIME: 20:02:02

Input Set : N:\Crf3\RULE60\09895298.txt

Output Set: N:\CRF3\11212001\I895298A.raw

L:4622 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:122
L:4628 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:122
L:4634 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:122
L:4637 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:122